

architects.org
chapterletter
sep/oct2010



Interview with a space architect

SPONSORED BY THE BSA, SHIFTboston's MOON CAPITAL Competition challenged designers to explore the concept of a moon habitat that includes both living and working. The BSA recently spoke with Dr. Marc Cohen—a registered architect who wrote the competition's Category 1 program on designing an actual lunar base—about designing for extreme environments.

What do you draw on for design inspiration?

I use architectural history and architectural objects for the thought that went into them and try to understand the deep processes and structure of creation.

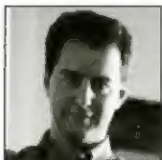
Each building, painting or sculpture is a remarkable accomplishment in itself. That object itself—both the artifact and the accomplishment—is significant to me because the architect or the creator

went through a rigorous process of thinking and production that made it possible for them to complete that work. Therefore, what I've always looked at is: What was the logic? What is the reasoning? Where is the design integration? What was the process of turning ideas into concrete results? What was the production experience? Moreover, what did they accomplish in terms of form and structure that enabled the work to stand on its own?

That series of questions reflects my approach. For example, when I was working on my triangular tetrahedral space station, I was trying to think about what type of circulation patterns and connection patterns would work. I looked at two sources.

One was Buckminster Fuller for his approach to the Platonic solids—not so much geodesics as his re-ordering of the Platonic solids, which is a whole other spiel.

(Continued, next page)



Vote now for BSA leaders

THE TIME HAS COME to elect the next president of the BSA as well as new members of the board of directors and elective BSA committees. Ballots will be mailed to architect members and Associate AIA members by October 1, and completed ballots must be received at The Architects Building by November 2.

Running for vice president/president-elect are Keith Moskow AIA (at left, top) of Moskow Linn Architects and Laura Wernick AIA (at left, bottom) of HMFH Architects. The winner serves as vice

president in 2011 and assumes the presidency in 2012. Incumbent Bob Hoye AIA of TRO Jung|Brannen is the candidate for treasurer. Audrey O'Hagan AIA of Audrey O'Hagan Architects will be the 2011 president.

The winners will join the board's executive committee, which includes the four officers and the immediate past-president.

Twenty-eight other BSA leaders and allies are seeking seats on the board of directors and elective BSA committees. For a full list of candidates and bios, visit architects.org/election.



Join the BSA and SHIFTboston on October 21 at Boston's Cyclorama for the MOON CAPITAL Forum, a gala event featuring astronauts and leading aerospace and astrophysics engineers. The forum will celebrate the competition winners, who will each receive \$1,000, be featured in a new virtual moon game and be exhibited at the Johnson Space Center.

(Continued from page 1)

In his *Dialogue of Timaeus*, Plato ordered the solids by the number of faces, the hedra. Fuller re-ordered them by the number of vertices, and that really transformed the whole notion of a physical object, of a solid. *Hedra* as ordering principle derives from the role gravity plays on earth in building a wall orthogonal to the ground, to resist gravity. However, *vertices* as an ordering principle frees design from the preconceptions of Earth gravity with all the perpendicularity and right angles that follow. That was key for me in developing the triangular tetrahedral space station.

The second was non-orthogonal circulation patterns. The place that I found those was in Renaissance and post-Renaissance garden design—particularly something like the Boboli Gardens designed by Niccolò Tribolo and Bartolomeo Ammanati, at the Pitti Palace in Florence. Both the reordered solids and the Bobolino present potentialities of a triangular circulation pattern: from the former, the edges or struts become the modules; from the latter, the paths become the modules.

What can architects bring to the space industry?

Engineers go through a training process that is essentially narrowing, always moving away from the broad but ambiguous perspective to the detailed certainties. To a certain extent, people who are attracted to engineering don't like to look at abstractions and abstruse concepts, and they want to deal with really concrete things that can be quantified. They're not comfortable thinking associatively or transformationally. Architects are.

Perhaps even more important is that the baseline criteria for being able to legally call yourself an architect is that you have demonstrated that you know how to protect the health and safety of the public. The standard in every U.S. state and every province in Canada and in most other countries is to attain licensure as an architect. In space, the environment against which you must protect the public and the crew is far less forgiving than the environment on Earth. The way I look at it: How are you going to protect the health and safety of a crew in space if you can't show that you know how to do it on Earth, which has a much more benign environment?

What is the role of materials in space architecture?

You have to understand the intrinsic properties of materials and the physical properties. Part of the issue is the way the materials or structures is taught in architecture school. People are taught to believe that one material has certain properties and does not have others: There are ductile materials, like steel or aluminum; flexible materials, like wood or steel; and brittle materials, like reinforced concrete or masonry.

But this is a major misconception, because all materials have the same properties; they just have them in different quantities. This is where practicality and cost come into the picture, because sometimes you may be constrained by cost to use a design or an embodiment of something that may not seem to be the obvious material choice. But if it's big or robust enough or shaped a certain way or something, you can do the job at much less cost.

This principle becomes an issue when you're looking at constructing a multifunctional

wall for a pressure vessel, whether it's a rigid module or an inflatable. You're going to need thermal insulation, as well as external reflective material to minimize solar gain. You need to address micro-meteorite impact: You've got to stop a particle coming in at 7 to 11 kilometers a second to hit your spacecraft, and you need it to break up into harmless particles before it reaches the pressure vessel. For radiation shielding, you're considering against what type of particle you need to protect the crew and spacecraft—whether it's a solar proton, solar helium, gray particles, X-rays or gamma rays. Then, you need to understand what material or combination of materials will provide the best attenuation by maximizing absorption within the shielding while minimizing secondary particles scattering from the shielding itself.

So, you build up a multilayered, complex wall section, where all the materials work together to address all of the environmental stressors.

Find more details on the MOON CAPITAL competition and RSVP for the forum at shiftboston.org. To read the full interview with space architect Dr. Marc Cohen—and learn how he designed his own career, what science fiction he reads and if we'll ever build on Mars—visit architects.org/chapterletter. Image above courtesy NASA Ames Research Center.

Legislative landslide

ON JULY 31, the 2009–2010 Formal Sessions of the Massachusetts State Legislature came to close. It was an especially busy session for the AIA Massachusetts Government Affairs Committee (GAC), which tracked more than 80 bills. Below are just highlights of the GAC's advocacy work; view an extended report at architects.org/lac.

SUPPORTED BY ARCHITECTS

SB 2512 – An Act Relative to a Lien for Architects, Engineers, Land Surveyors and Site Professionals

The GAC proposed an amendment to M.G.L. c. 254, Liens on Buildings and Land, the Massachusetts Mechanic's Lien statute that would allow licensed design professionals (architects, engineers, land surveyors and licensed site professionals) to lien property when the owner and/or developer fails to pay for agreed-upon services.

Result: Looking good for architects! During public hearings, the Associated Subcontractors of Massachusetts raised concerns regarding the proposed language, but during subsequent meetings, GAC negotiated new language that was reported favorably from the Joint Judiciary Committee. The bill then passed the Senate and was sent to the House, which amended the bill. The bill is expected to be taken up during the Informal Sessions that occur between August and December and then moved to the governor's desk for signature.

SB 765 – An Act Relative to Land Use (LUPA)

The GAC testified in support of LUPA, which would provide incentives to promote new housing and other needed development and to protect natural resources, while giving municipalities modernized regulatory tools to manage growth. Under the act, the amount of land zoned for higher-density development would be increased to help meet the Commonwealth's need for housing and economic development, and it would focus development in areas where infrastructure can support growth.

Result: Close, but no cigar. The bill was reported out favorably by the Joint Committee on Municipalities and Regional Government and sent to the Senate Committee on Ethics and Rules. However, because it was not moved by the July 31 end-of-session deadline, it will need to be re-filed next legislative session.

HB 45/HB 3600 – An Act Relative to the Architectural Access Board

The GAC testified in support with amendments of both bills, which amend provisions relative to the Architectural Access Board.

Result: Close, but no cigar. Both bills were sent to the House Ways and Means Committee but were not moved by the July 31 end-of-session deadline, which means they will need to be re-filed next legislative session.

SB 983 – An Act Relative to the Creation of a Fire Prevention Regulations Appeals Board

The GAC testified in favor of this bill, which would establish a Fire Prevention Regulations Appeals Board. As there is currently no process for filing an appeal to a fire-prevention regulation, the BSA Codes Committee and the GAC believe the creation of a board to hear such appeals would be a great benefit to all designers.

Result: Close, but no cigar. The bill passed Senate and was sent to the House Ways and Means Committee. But since it was not moved by the July 31 end-of-session deadline, it will need to be re-filed next legislative session.

OPPOSED BY ARCHITECTS

HB 262 – An Act Relative to the Certification of Interior Designers

The GAC testified in opposition to this bill, which would allow any individual who has passed the interior design examination administered by the National Council for Interior Design Qualification to use the title "certified interior designer."

Result: Dead. Despite this bill being reported out favorably by the Joint Committee on Consumer Protection and Professional Licensure and sent to the House Ways and Means Committee, the bill was not moved, which means that such attempts to impose new statutes on the practice of interior design have been successfully opposed by the GAC for more than 10 years.

HB 2220 – An Act Relative to Automatic Sprinklers

The GAC testified in opposition to this bill, which would require all dormitories, fraternity houses and sorority houses to be equipped with hard-wired smoke detectors in all common hallway areas. The BSA Codes Committee and the GAC feel that, rather than making this requirement unique to Massachusetts, it should be mandated through the base version of the International Building Code that all states adopt.

Result: Dead

HB 2221 – An Act Relative to Automatic Sprinklers

The GAC testified in opposition to this bill, which would classify dormitories, fraternity houses and sorority houses as lodging or boarding houses subject to regulations mandating use of automatic sprinklers. The BSA Codes Committee and the GAC feel that, rather than making this requirement unique to Massachusetts, it should be mandated through the base version of the International Building Code that all states adopt.

Result: Dead

HB 525 – An Act Prohibiting Bids from Certain Contractors to the Massachusetts School Building Authority

The GAC and the BSA K–12 Educational Facilities Committee testified in opposition to this bill, which would prohibit any general contractors, subcontractors, construction or project managers, designer and others from bidding on projects for the planning, maintenance and establishment of school facility spaces for at least 10 years if they are responsible for a material flaw in said design or construction within the first 10 years of use; legal address is not otherwise possible.

Result: Dead

SB 247 – An Act Relative to Projects Funded by the School Building Authority

The GAC and the BSA K–12 Educational Facilities Committee testified in opposition to this bill, which would require that architects carry error-and-omission insurance totaling a minimum of 50 percent of the project's estimated cost of construction—or larger amounts if required by the Massachusetts School Building Authority.

Result: Dead

Interested in shaping and supporting public-policy efforts? Join the AIA Massachusetts Government Affairs Committee at their monthly meetings (8:30 am on the second Tuesday of each month) or contact AIA Massachusetts public policy director John Nunnari Assoc. AIA at jnunnari@architects.org to learn more.

Explore the crossroads of architecture and art

Open studio crawl meet-ups

Fort Point Open Studios: Meet outside Flour Bakery & Cafe (12 Farnsworth St.) on October 15 at 6:30 pm

Natick Open Studios: Meet outside Bakery on the Common (9 South Main St.) on October 17 at 2:30 pm

SoWa Sundays: Meet in South End Artist Guild Studios' main lobby (450 Harrison Ave.) on November 5 at 6:15 pm

Dorchester Open Studios: Meet outside Anna's Bakery (1035 Dorchester Ave.) on October 23 at 1:00 pm

Fort Point Open Studios: Meet outside The Distillery studios (516 East 2nd St.) on November 7 at 2:30 pm

Roslindale Open Studios: Meet outside Emack & Bolio's Ice Cream (2 Belgrade Ave.) on November 6 at 1:30 pm

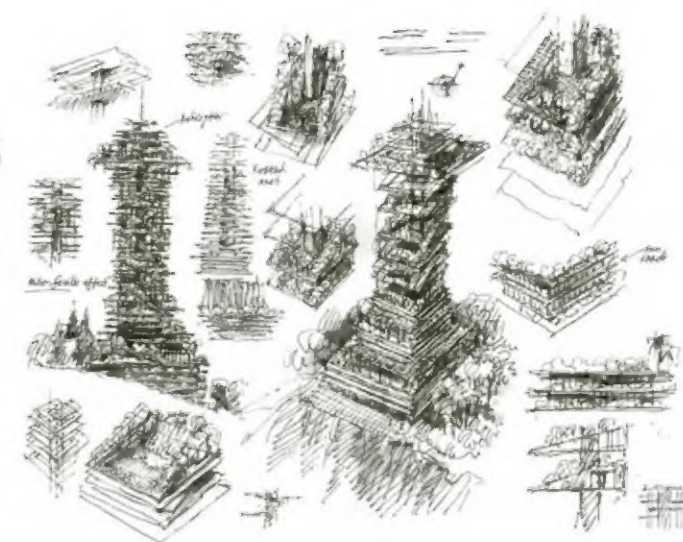
Allston Open Studios: Meet outside 119 Braintree Street Studios on November 13 at 1:30 pm

STARTING MID-OCTOBER, the BSA Membership Enrichment Committee hosts Architects and Artists Collaborate, a month-long celebration of architecture and art encompassing visits to artist studios, a lecture by James Wines and a tour of MIT's examples of architecture/art collaborations—all bookended by Boston Architectural Meet-Up crawls of open artists' studios in the Boston area.

Join BSA colleagues on October 26 from 9:00 to 11:00 am for a visit to Boris Bally's sculpture studio in Providence, Rhode Island, to learn about his current body of work, which transforms found materials, such as street signs, into objects for reflection.

On October 30 at 11:00 am, the BSA hosts an MIT Tour of public art focused on pieces that are physically as well as conceptually integral to the school's architecture and featuring work by Weiner, Lewitt, Graham and Noland, as well as the Saarinen Chapel.

James Wines, founder and



James Wines' free lecture at the BPL is neither an anti-CAD polemic nor a "how to draw" seminar. Instead, it showcases the new "hand-to-mouse" interface in design delineation and provides an expanded definition of graphic skill in architecture that goes well beyond its commonplace interpretation as a purely illustrative tool.

president of SITE in New York City, delivers a free lecture at the Boston Public Library on November 3 at 6:00 pm. In his presentation, "A line around an idea: The continuing relevance of hand drawing in the Digital Age," Wines discusses how a wellspring of innovation in art and design emerges from the fertile trail of "subliminal accidents" produced by mind-to-hand meditations.

On November 6 from 3:00 to 5:00 pm, visit Chris Janney at his studio in Lexington to hear more about "Urban Musical Instruments," his concept for per-

manent, interactive, architectural sound and light installations.

Bring your colleagues and friends along to Cape Cod Fabrications in East Falmouth on November 11 from 1:00 to 3:00 pm to learn more about its work designing, building and installing custom architectural and ornamental metal in collaboration with architects, landscape architects, general contractors and designers.

All events are free; visit architects.org/calendar for a schedule, locations, RSVP information and other details.



"Conversations on Architecture" in October visits this light-filled space at the Korean Church of Boston, which was designed for children, their family and friends by Brian Healy Architects.

Get up close with leading-edge design and designers

EXPERT SPEAKERS convey their perspective on the current state of architecture in the BSA's "Conversations on Architecture," a lecture series hosted by Brian Healy AIA. At each event in the series, join the BSA at a project site or The Architects Building for an intimate evening, complete with appetizers and drinks.

On September 23 at 7:00 pm, the fall series kicks off with a visit to the recently completed Children's Chapel and Community Center at the Korean Church of Boston in Brookline. The congregation of the Korean Church of Boston held a competition to celebrate its 50th anniversary jubilee in 2003 and selected Brian Healy Architects' submission for construction. The congregation had decided to honor its

third-generation members—children and grandchildren—by building them a special place of their own in which to worship, play and study.

Brian MacKay-Lyons FAIA visits The Architects Building on October 13 at 7:00 pm to share his perspective on how both listening to place and willing paradise are essential to a critical regionalist architectural practice. MacKay-Lyons' work on houses in Atlantic Canada has made him a leading proponent of regionalist architecture worldwide and won increased public and international commissions for his firm, MacKay-Lyons Sweetapple Architects.

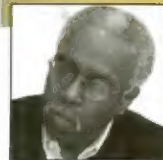
Both events are open to all and cost \$10 (\$5 for BSA members and students). Space is limited; reserve your seat at architects.org/reservations.

Celebrate minority architects

ON OCTOBER 6 AT 6:00 PM, a BSA "Exploring Design" lecture by David Adjaye Hon. FAIA and Philip Freelon FAIA at Harvard University's Piper Auditorium kicks off the arrival of the National Organization of Minority Architects (NOMA) Conference and Expo in Boston. Leaders of the internationally renowned team of architects chosen to design the National Museum of African American History and Culture in Washington discuss their collaboration and the winning design (pictured at right) at this event co-sponsored by Harvard Graduate School of Design and the Loeb Fellowship Program at Harvard. The event is free and open to all; no RSVP is required.

Next, join leaders from around the country October 7 through 9, as the conference explores the theme of "Reinvent, rebuild, reconnect: Innovation can happen through turbulent times" at the Boston Copley Marriot Hotel. The intensive program covers a host of design, practice and project-type issues; offers a special track on post-earthquake Haiti; and concludes with the NOMA Awards Dinner, at which David Lee FAIA of Stull and Lee will be honored for his exceptional work as an architect-activist.

Register to attend and find more conference details at noma.net/local/Conference.asp.



Top: A model of the new National Museum of African American History and Culture. Left: Read an exclusive interview with David Lee FAIA of Stull and Lee at architects.org/chapterletter.



See Boston by boat

Move over, Chicago: The BSA is partnering with The Charles Riverboat Company and Boston By Foot to offer the Charles River Architecture Tour—the city's first seaworthy exploration of its historic and contemporary architecture. From September 11 through October 17, the 90-minute boat tours will depart, rain or shine,

from the Cambridgeside Galleria Mall dock (100 Cambridgeside Place, Cambridge) every Saturday and Sunday at 10:00 am. Tickets are \$20 (\$15 for BSA and Boston By Foot members; \$8 for children under 12 and seniors over 65). Advance tickets aren't necessary but can be purchased at architects.org/boatour.

Executive director position posted

The BSA seeks a creative and energetic executive director to develop and implement the BSA's policy objectives. For the job listing, visit architects.org/classified. To nominate a candidate or apply, contact E. Catlin Donnelly & Associates at admin@ecdonnaelly.com.



In pursuit of green

With more than 50 LEED-certified buildings, Harvard has the largest green campus organization in the world—and it's largely self-funded. Leith Sharp, Hon. BSA (left), who led the green charge at Harvard, spells out strategies for inspiring the wide-scale change in the behaviors of individuals, organizations and the

economy needed for a sustainable world at a free BSA talk on September 22 at 6:00 pm at the Boston Public Library.

Mingle with the region's finest

The BSA hosts this year's AIA New England Conference on November 18 and 19 at Build Boston. A special AIA New England Conference package gives attendees a choice of two cutting-edge Build Boston workshop or tours; access to an expansive tradeshow floor and Innovation Pavilion (see page 12); a Boston Harbor cruise and dinner; and entry to a special AIA New England breakfast and keynote address, AIA New England's Firm Open House in the Fort Point and Seaport Districts, and the AIA New England Design Awards reception and banquet. Register online at buildboston.com.

Complete your ARE

Hey intern-architects: Grab your Thomson Prometric authorization number now and get in line for the BSA's next ARE Success Teams kickoff on October 28. We'll team up study buddies, serve up study supplies and provide plenty of pizza. Learn more at architects.org/aresuccess.

\$20,000 to travel the world

Imagine a trip to Agadir, Morocco to study Modernism. Or how about studying agriculture, urbanity and "the distractions of globalization" in Thailand? Spread the word to students and professors: The Rotch Travelling Studio is a foreign-travel grant that offers up to \$20,000 to architectural educators and their students. Applications are due October 8. View past winners, learn more and apply at rotch.org.

Introduce a student to his or her future alma mater

Is someone you know interested in pursuing a career in the building industry? The BSA holds its 22nd annual College Fair on October 2 at Wentworth Institute of Technology. The event welcomes 30-plus schools and draws more than 300 students. It's free to attend; visit architects.org/collegefair for more information and to register.

People and firms

Philip Chen AIA, LEED AP (1) has been named principal at **Ann Beha Architects**.

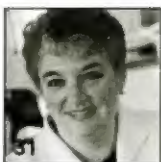
ARC/Architectural Resources Cambridge participated with the BSA, Sidewalk Sam and other design firms in Common Boston's Chalk One Up event benefiting ArtStreet programs that bring art and culture to Boston youth. The firm received the People's Choice award for its 40th anniversary special event mailer at the Society for Marketing Professionals Boston chapter's Recognizing Outstanding Communications Awards.

Matthew Carlton AIA, LEED AP (2) published three articles, including "The Paradox of Water and Daylighting Fundamentals" in *Environmental Design & Construction* magazine and "Zinc Tile Cladding Fundamentals" in *The Construction Specifier*.

Jason Forney AIA, LEED of Bruner/Cott & Associates presented the "Business Case for Low-Energy Building and Renovation" at the Integrated Design/Integrated Development Sustainable Design Symposium.

Al Mafrq Hospital, designed by **Burt Hill** and operated by Abu Dhabi Health Services Company, was named Best Sustainable Hospital Project in the Hospital Build Middle East 2010 Awards program. The project was designed according to the requirements of the "Estidama" sustainable design rating system, with a goal of a three or four Pearl rating. The firm welcomes national director of business strategy Mitchel Levitt.

Common Boston founder **Justin Crane Assoc. AIA of Cambridge Seven Associates** received national media attention for this year's BSA-sponsored architecture and design festival, including an interview in *Dwell*. **Chuck Redmond FAIA** co-lead a tour of the Forest Hills MBTA station; **Paul Herbert Assoc. AIA** was a key organizer of Common Build, a design/build competition in which 12 teams rethought wayfinding in Boston; and **Sumi Fasolo AIA** contributed her knowledge about Uphams Corner during tours and events in that area. The Ames Hotel received Boston Preservation Alliance's Preservation Achievement Award for Significant Rehabilitation/Restoration. The Port Ghalib Maritime Park Complex project received the Florida ASLA Design Award in the Planning and Analysis category. **Peter Kuttner FAIA** will receive the Distinguished Alumnus Award in October, presented by the University of Michigan's Taubman College of Architecture and Urban Planning and the Alumni/ae Society Board of Governors. **Adam Mitchell AIA** and **Jim Moses AIA**, his teaching partner, received an award for Outstanding Faculty at the BAC. Kuttner will present the AIA Gold Medal to Peter Boehlin at the National Building Museum in the fall.



Sara Schonour LEED AP (3) of **Cannon Design** has earned her full Lighting Certification from the National Council on Qualifications for the Lighting Professions. **Douglas Farber (4)** and **Blake Propst (5)** passed the Evidence-Based Design exam.

CBT took home multiple honors in IIDA New England's fourth annual Interior Design Awards, including the Best in Show award for its renovation and repositioning of the lobby at One Post Office Square in Boston. The project also received first place in the Office under 30,000 sf category and the firm placed first in the Hospitality category for its work at Equinox Fitness. Watermark Cambridge is the first apartment building in the state to achieve LEED Gold certification. **Robert Brown AIA (6)** presented "Strategic Housing Master Plan: Reuse, Reconfigure and Reutilize Existing Housing Stock" at the ACUHO-I conference.

Deborah Drew Assoc. AIA (7), of Deborah Drew Design and adjunct faculty member at The New England Institute of Art, is working with her interior design students and La Penita de Jaltemba, Mexico community members on groundwork for a new, ecologically designed community center. "This is a rare opportunity for students to not only design a space, but to work with people of another culture with different needs and desires," says Drew. Track the students' progress at jaltembajalapeno.com.

Dingman Allison Architects received its second Preservation Award from the Cambridge Historical Commission for the restoration of the facade of the commercial block at 266-270 Concord Avenue in Cambridge.

Engineering News-Record magazine ranked **Einhorn Yaffee Prescott Architecture & Engineering** number 166 on its list of the country's Top 500 Design Firms. For the second consecutive year, *Architect* magazine named the firm to its annual list, *The Architect* 50. Ranked 22nd overall, the firm also placed second on the list of Top Green Design Firms. The firm promoted **Fadi Bark PE (8)**, **Steve Bosland PE, LEED AP (9)** and **Carter Reich AIA (10)** to principal.

Michael Lauber FAIA (11) of **Ellenzweig** spoke on "The Power of Community and Place: Medical Education in Western Michigan" at the SCUP-45 conference and is speaking at the Tradeline Conference in Boston in October. **Jim Blount AIA, LEED AP (12)** is presenting on high-performance building design at the Labs21 conference in Albuquerque, New Mexico in September.

Fennick|McCredie Architecture has named **Judy Chow (13)** an associate.

James Alexander FAIA (14) of **Finegold Alexander + Associates** is speaking at Build Boston.

Richard Friedson AIA (15) has joined Lavallee Brensinger Architects, merging his practice, the Friedson Studio, with the 50-person firm.

Goody Clancy now has a Twitter page: twitter.com/GoodyClancyPlan. **David Dixon FAIA** moderated Common Boston's public forum. Ron Mallis and Ganesh Ramachandran participated in the American Architectural Foundation's Sustainable Cities Design Academy. The John W. McCormack Post Office and Courthouse in Boston is LEED Gold-certified. The Welcome and Admissions Center at Roger H. Perry Hall at Champlain College in Burlington, Vermont is expected to receive LEED Platinum certification. **Roger Goldstein FAIA, LEED** presented "Nega-Buildings: Benefits and Opportunities of Renewal and Reuse—The Essential Role of Existing Buildings in a Carbon-Neutral World" at the AIA National Convention. National associate director and AIA board member **Jonathan Matthew Taylor AIA, LEED AP** represented the BSA as a chapter delegate at the National AIA Convention in Miami. Taylor also was introduced to the membership alongside the newly elected 2011 national officers at the business session; he will serve with them on the 2011 AIA executive committee as the associate representative. **Lisa Howe (16)** has been named principal.

GUND Partnership received the 2010 IDP Firm Award. The firm was ranked 35 in *Architect* magazine's Architect 50. "How feasible is geothermal?"—a presentation originally given at Build Boston by **John Prokos FAIA, LEED AP (17)** with **Fuss & O'Neill's Kent Schwendy PE, LEED AP** and **The Green Engineer's Chris Schaffner PE, LEED AP**—is being adapted into coursework for Massasoit Community College. Thompson Library at Ohio State University was featured in the *Chronicle of Higher Education*.

ICON architecture, Archstone and Trinity's mixed-use Avenir in Bulfinch Triangle received the 2010 Community Milestone Award from the Downtown North Association. **Jennifer Van Kuren LEED AP BD+C** and **Erik Miller Assoc. AIA, LEED AP BD+C** received the 2010 President Obama Volunteer Service Award for their work with Citizen Schools.

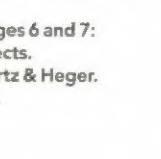
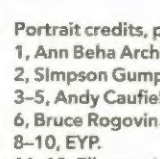
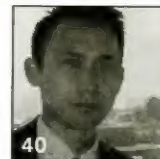
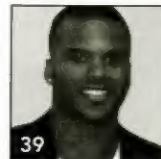
Scott Simpson FAIA, LEED AP of **KlingStubbins** received the Distinguished Achievement Award from the Connecticut Construction Institute. He shares this honor with **Phil Bernstein FAIA, LEED AP** of Autodesk and **John Tocci of Tocci Building Companies**.

Kuhn Riddle Architects' Ken Burns wing of Hampshire College's Leibling Center for Film, Photography, and Video is LEED Gold-certified.

LDa Architects' Peter Nobile AIA, LEED (18) is now a certified LEED Faculty Member.

Leers Weinzapfel Associates was featured in an article on women in architecture in the *Chronicle of Higher Education*. The MIT Media Lab was featured in *Architectural Record*. **Josiah Stevenson AIA** spoke on "Integrating Design and Sustainability" and **Jane Weinzapfel FAIA** spoke on the AIA Committee on Design Ideas Competition, in which she served as a juror, at the AIA National Convention.

Tim Bailey AIA, LEED AP BD+C (19) rejoins **Margulies Perruzzi Architects** as an architect and **Rui Ribeiro (20)** joins as an architectural designer.



McGinley Kalsow & Associates' Wendall Kalsow AIA and Paul McGinley AICP received the Paul Tsongas Profiles in Preservation Award.

Katherine McGuinness Assoc. AIA of Kessler McGuinness & Associates presented on accessible ferry facilities and a case study of Oakland International Airport's comprehensive accessible customer service and design standards at the International Conference on Mobility and Transport for Elderly and Disabled People. View the presentations at kmaccess.com/html/news.htm.

Miller Dyer Spears welcomes senior laboratory and clinical architect **Norman Goulet AIA, LEED AP**.

Jamie Niedzolkowski (21) of Armstrong has been elected president of the Boston chapter of the National Association of Women in Construction. Past-president Jennifer Weiss Donovan AIA, LEED (22) of Payette has been appointed national chairman of the PR & Marketing Committee.

Eliot Stulen has joined **Next Phase Studios**.

Sho-Ping Chin FAIA, LEED AP (23) of Payette has been named to the AIA College of Fellows. Chin was recognized in the Coordinate Objective category. Jeff Zynda (24) spoke on environmental procurement and sustainable strategies for Vivarium Design at the Federation of European Laboratory Animal Scientists Tri-Annual Conference.

Perkins + Will's North Campus Residence Hall at Roger Williams University received a SCUP Merit Award and a Building Design and Construction Gold Award. The project was the host site for NEACUHO 2010, where the firm presented "Transforming Residence Life at Roger Williams University." The Griffin Academic Building at the Massachusetts College of Pharmacy and Health Sciences received a Building Design and Construction Bronze Award. The project was a tour site for the Tradelines conference. **Allen Buie AIA** will deliver an AIA webinar on ICU design on October 5.

SCORE of Cape Cod is honoring **Polhemus Savery DaSilva Architects/Builders** with its 2010 Small Business of the Year Award.

International Village, a newly opened dining facility at Northeastern University designed by **PCA (Prellwitz/Chilinski Associates)**, is LEED Gold-certified.

Pei-Wan Cheng of **rauhaus freedenfeld & associates** graduated with a B.Arch from the Boston Architectural College.

S E A Consultants has been acquired by Kleinfelder, a San Diego-headquartered company with 60 offices nationwide. The combined company will offer integrated A/E services throughout the U.S. with a focus on government, transportation, infrastructure and energy work. **Robert Brandon AIA (25)**, who headed S E A's architectural practice for 25 years, was named principal and vice president of Kleinfelder. Principal architects **Daniel Tenney AIA (26)**, **Kathleen Ledoux AIA**, **Candy Gander AIA (27)** and **William Wight (28)** will continue their leadership roles in the firm. The firm welcomes principal architect **Meg Kundert AIA (29)**.

Shepley Bulfinch welcomes consulting principal **Martha Rothman FAIA, LEED AP (30)**. **Carole Wedge FAIA, LEED AP (31)** was in a roundtable on women in architecture in the *Chronicle of Higher Ed*. Greg Heiges and Mike Gailley presented a case study of Smilow Cancer Hospital at The Green Roundtable. The new Media and Science Center at the Ashley Hall School in Charleston, South Carolina received a design excellence award from the SC chapter of CEFPI. *AALL Spectrum* featured Campbell University's new law school.

Signer Harris Architects welcomes **Tyler Hinckley AIA, LEED AP** and **Kerrie Julian LEED AP**. In a podcast interview with the National Association of Independent Schools, **William Harris AIA, LEED AP** discusses the benefits of mixed-use facilities by focusing on the successful mixed-use building project at St. Ann's Home and School.

The *Today Show* featured **Studio G Architects** and its green roof at Boston Latin School. Gail Sullivan, Sylvia Mihich and students from the BLS Youth Climate Action Network were filmed in a design charrette on the green roof, an initiative of BLS Youth Climate Action Network. As a result of the students' efforts, the BLS Administration and Alumni Association are supporting the project. To see the TV segment, visit studio-g-architects.blogspot.com.

Robert Verrier AIA (32) of **The Architectural Team** was named an honoree of the 2010 American Dream Award by Habitat for Humanity Greater Boston for his accomplishments in the design of affordable housing. In the past 38 years, Verrier has received numerous housing design awards and has been architect-of-record for more than 250 affordable housing development projects, providing more than 45,000 units of housing to families throughout the U.S.

Gayle Anthony LEED AP and Paul Fallon RA, LEED AP (33) of **TRO Jung|Brannen** passed the Evidence-Based Design exam. The firm welcomes associates Karen Van Winkle (34) and Vera Van Middlesworth LEED AP. Jennifer Montgomery LEED AP, Danielle McDonough LEED AP, Jennifer Sicklick LEED AP and Liz Kaminoh LEED AP passed the NCIDQ exam. **David Huang AIA, LEED AP** and Dave Bourassa LEED AP have been named senior associate. **Bernadette Muncy AIA, LEED AP**, Chris Marston, **Emmeline Yeo AIA, LEED AP**, Gary Sherman LEED AP, Irina Elkins LEED AP, Jim Polando PE, **Kirk McIntosh AIA**, Lee Wuelfing and Tara Redman have been named associate. The firm received the World Architecture News Award in the Unbuilt category for the design of Shenzhen Third People's Infectious Disease Hospital in Shenzhen, China. The 101-bed South Tower for Shelby Baptist Medical Center in Alabaster, Alabama received an AIA Merit Award. The firm is celebrating its centennial with the launch of an anniversary website: trojungbrannen.com.

Portrait credits, pages 6 and 7:

- 1, Ann Beha Architects.
- 2, Simpson Gumpertz & Heger.
- 3-5, Andy Caufield.
- 6, Bruce Rogovin.
- 8-10, EYP.
- 11-12, Ellenzweig.
- 13, Fennick|McCredie Architecture.
- 14, Bruce Rogovin.
- 16, Dick Friedson.
- 17, Chuck Choi.
- 18, LDa Architecture & Interiors.
- 19, Boston Portrait.
- 20, Margulies Perruzzi Architects.
- 21, J. Niedzolkowski.
- 22, Consumer Programs Incorporated.
- 23, Rachellynn Shoen, Payette.
- 24, Michael Malysko.
- 25, Frank Monkiewicz.
- 26-28, Kleinfelder/S E A.
- 29, Frank Monkiewicz.
- 30, Kat Nania.
- 33, Betsey Cullen.
- 34, TRO Jung|Brannen.
- 35-38, Bruce Rogovin.
- 39, Christopher Goldthwaite.
- 40, XChange Architects.

Tsoi/Kobus & Associates' Mark Reed AIA (35) and Erik Mollo-Christensen AIA commented on trends in lab design for *R&D Magazine*. **David Owens AIA** and **Barbara Carpenter Assoc. AIA (36)** presented "The Creative Band-Aid" at the No-Name Conference for Facilities Planners. Jonathan Cohen (37) was interviewed by the *Cape Cod Times* about the renovation of Marine Biological Laboratory's Loeb Laboratory. Chu Foxlin AIA (38) and Jill Garzik appeared in a story in *The Suffolk Journal* about the new 73 Tremont Street Cafe. Keisy Marquez (39) was interviewed on WGBH radio's *The Callie Crossley Show* about the firm's community build project in Dorchester. *Architect* magazine listed the firm as number 28 on its Architect 50 list. The Roberts Proton Therapy Center was featured on *CBS Evening News*. The firm's marketing and graphics team was honored with awards from the Academy of Visual Arts and the Boston chapter of the Society of Marketing Professional Services.

XChange Architects' Derrick Choi AIA, LEED AP (40) has been elected to the board of Allston Village Main Streets. He is also the recipient of the Boston Main Streets 2009 Volunteer of the Year award for his service on behalf of the Allston Village District.



Siemasko + Verbridge's restoration of a Queen Anne Victorian in the Avon Hill neighborhood of Cambridge received the Anthony C. Platt Neighborhood Conservation Award, which honors an exceptional project in a neighborhood conservation district. Photo: Siemasko + Verbridge.



Tsoi/Kobus & Associates is designing Boston College's new Stokes Hall, a new law school for Oklahoma City University School of Law, a student cafe and lounge at Suffolk University and new corporate headquarters for All Care VNA & Hospice in Lynn. Rendering: Tsoi/Kobus & Associates.



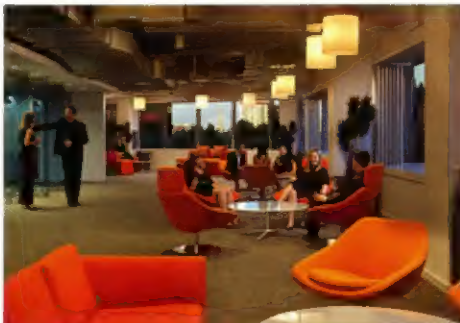
Miller Dyer Spears' renovation of the Administration Building at Worcester State College is LEED Gold-certified. Credit: John Horner.



Copley Wolff Design Group was featured in *Water Shapes* magazine for its work on the Rose Kennedy Greenway Wharf District Parks. Photo: Sean Sanger.



Einhorn Yaffee Prescott Architecture & Engineering is providing design services for SUNY Maritime's new academic building in Throggs Neck, New York. Rendering: EYP.



TRO Jung|Brannen received a BSA Interior Design/Interior Architecture Award for the design of a Microsoft Corporation conference center in Cambridge. Photo: Richard Mandelkorn.



Ellenzweig designed the newly dedicated Biological Pharmaceutical Complex at the University of Kentucky in Lexington with architect-of-record EOP Architects. Photo: Chris Phebus.

New work

Burt Hill is providing design services in a collaborative effort with Schools for the Children of the World to design a new school in Haiti. Located approximately 35 miles west of Port au Prince near the epicenter of the recent earthquake, The École National Saint Rose de Lima in Léogâne will house 600 students in grades K–13. The project, which includes classrooms, an administration building, a library and staff living facilities, is being designed and built in partnership with the Spanish Red Cross.

Work by **Cambridge Seven Associates** includes the Science City, USA masterplan and design for the new SciQuarium and expansion for the Natural Science Center of Greensboro, North Carolina; renovations for Merrimack College's

Lawler Arena in North Andover; the Hard Rock Cafe in Waikiki, Hawaii; and renovations to Discovery Place and the museum's new signature exhibit, *World Alive*. Watch videos at c7a.com/News/in_the_press/index.asp.

Cannon Design is providing design and engineering services for a 21,500-sf fit-out for the Biology Department Collaborative Cluster in Arts & Sciences at Tufts University. The project has been awarded a C06 grant.

CBT is working on Middlesex School's new residence hall, four faculty residences and a visual and performing arts building.

Einhorn Yaffee Prescott Architecture & Engineering is designing seven new buildings, including a student living/learning community and two fraternity

houses, for Bucknell University in Lewisburg, Pennsylvania. The firm also will prepare a masterplan for a 50-acre parcel as part of a second project for the university.

Ellenzweig is working on the new research building for the SUNY College of Environmental Science and Forestry in Syracuse; the new health sciences instructional building for the University of Louisville; a new laboratory sciences building at Lorain County Community College in Elyria, Ohio; and the new Laboratory of Ocean Sensors and Observing Systems for the Woods Hole Oceanographic Institution.

New work by **Fennick McCredie Architecture** includes the conversion of a former Engine 14 firehouse into YouthBuild Boston's new Roxbury headquarters and the renovation of three aircraft hangars for the Massachusetts Port Authority.

Goody Clancy is working on the College Halls Phase II project, a 700-bed student housing facility, at Vanderbilt University in Nashville, Tennessee.

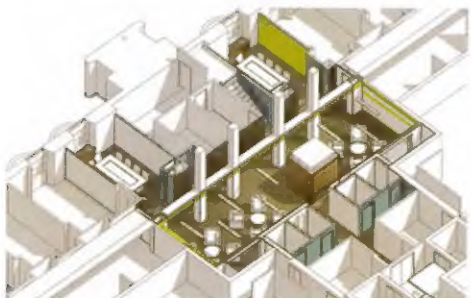
ICON architecture celebrated ribbon cuttings for Trinity Financial's Washington Beech HOPE VI affordable housing development; the 50-unit Phase 1 of the 173-unit United Front Homes in New Bedford; and another 50 units at Olmsted Green, the second phase of Lena New Boston's 42-acre planned mixed-use, mixed-income community. The firm is working on a mixed-use development in Chelsea for **Synergy** and the Chelsea Neighborhood Developers; the first Passive House multifamily housing in the U.S. at the Distillery in South Boston; 40 near-zero-energy apartments for HRI in Cambridge; and 60 senior residences for POAH at Canal Bluffs in Bourne.



The Armour Academic Center at Westminster School, designed by **GUND Partnership**, received a Design Award from the Connecticut Green Building Council and will be featured in the second edition of the *Green Studio Handbook: Environmental Strategies for Schematic Design*. Photo: Robert Benson.



Shepley Bulfinch's McClay Library at Queen's University in Belfast, Northern Ireland is now open. A model of sustainable design, the library features natural ventilation and operable windows, a chilled-beam system and a rainwater-harvesting system. Photo: Queen's University Belfast.



The Cambridge Public Library, designed by **William Rawn Associates with Ann Beha Architects**, received five awards this year: a 2010 AIA New Hampshire IDID Excellence in Sustainable Design & Development Award, a 2010 BSA Interior Design/Interior Architecture Award, a 2010 Massachusetts Historical Commission Preservation Award, a 2010 AGC Aon Build America Award from the Associated General Contractors of America for construction by Consigli, and Special Recognition from the Cambridge Historical Commission's Preservation Recognition Program. Photo: Robert Benson.



Catalano Architects & Design and **John Lodge Architects** are working on the Nantucket Dreamland Theater, a 15,000-sf mixed-use theater in the Nantucket Old Historic District. Rendering: Jim Piatt.



The Tufts University School of Dental Medicine's vertical expansion project, designed by **ARC/Architectural Resources Cambridge**, received the BSA Honor Award for Healthcare Facilities Design, the International Interior Design Association New England chapter's Best Education Design and the International Facilities Management Association Boston chapter's Best Practice Award. Photo: Warren Patterson.

Perkins + Will is working on programming and concept design for housing and amenities at Kuwait University; the new Living Learning Center at Appalachian State University; and two renovations for faculty and deans emeriti at the Harvard Business School, Morgan Hall (above) and Cummock Hall. Rendering: Perkins+Will.

Kallmann McKinnell & Wood, Architects is working on a 24,000-sf Student Resource and Business Innovation Center for Fisher College of Business at The Ohio State University with Bialosky + Partners. The firm completed Phase II of Alfred University's Miller Performing Arts Center. University of Colorado/Boulder is dedicating the Visual Arts Complex, designed by the firm with **OZ Architects**, in September.

Kleinfelder/ S E A was selected by the Designer Selection Board to plan and design the \$9 million housing addition to the Western Massachusetts Women's Correctional Center in Chicopee. The project is one of DCAM's first to utilize integrated project delivery (IPD), BIM and construction management at risk.

Leers Weinzapfel Associates is designing The Ohio State University's new east regional chilled water plant.

McGinley Kalsow & Associate is working on Phase II of Gasson Hall at Boston College, the renovation/restoration of Goddard Hall at Tufts University and the Brockton Town Hall.

Next Phase Studios is assessing and designing a new campus for the Lincoln Institute of Land Policy and providing design services for a new Family Practice Clinic for Brigham's & Women's Hospital.

OMR Architects completed a new two-story boathouse for Salisbury School. Looking out across the lake to the Berkshire Mountains, the building was designed to feel tucked into its natural setting.

rauhaus freedenfeld & associates is designing the Canyon Creek Pet Hospital in San Jose, California, the Innovative Veterinary Medicine Hospital in Savannah, Georgia and the Bodhibo Animal Hospital in San Diego.

Shepley Bulfinch's new outpatient surgery center at Dartmouth-Hitchcock Medical Center opened. Construction has begun for the Anderson Student Center at the University of St Thomas in St. Paul, Minnesota.

Signer Harris Architects is working on a sterilization center for Boston Scientific Corporation in Coventry, Rhode Island; a research and diagnostic laboratory at Charles River Labs in Wilmington; and a lab and office build-out for the Broad Institute in Cambridge.

The **Architectural Team** has completed the design for the historic renovations for The Charles Hayes Building in Haverhill: a new transit-oriented mixed-use property and the first 40R development to be permitted in Massachusetts. The firm is designing the renovations and conversion of Atlas Lofts in Chelsea's Box district; Wampanoag Mill in Fall River; and Felton Lofts.

TRO Jung|Brannen is working on a renovation project for Beth Israel Deaconess Hospital's east campus pharmacy that encompasses Lean design and phasing to keep a recently renovated clean room in operation; a new project at the Australian College of Kuwait, including a classroom building and energy-research center; the design of the Kuwait Public Authority for Civil Information, a four-story, 102,000-sf expansion

of the existing headquarters; and a new headquarters for the Kuwait Ministry of Awqaf. The firm unveiled its design for the Commonwealth of Massachusetts' new 60,000-sf, Tier III datacenter in Springfield. The firm completed WKNO's headquarters in Memphis, Tennessee.

XChange Architects is providing design and planning assistance in support of the Town of Brookline's first PARK(ing) Day festivities on September 17. PARK(ing) Day is a one-day, global event where artists, activists and citizens independently but simultaneously temporarily transform metered parking spots into "PARK(ing)" spaces: temporary public parks.

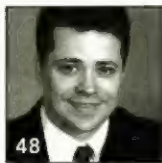
Corporate affiliate news

Brian Huff LEED AP (41) of **Acentech** served as moderator of the InfoComm Task Group that developed the latest *ANSI/INFOCOMM 2M-2010 Standard Guide for Audiovisual Systems Design and Coordination Processes*, recently approved by the American National Standards Institute. Huff led a workshop on the new design standard at the InfoComm10 Information Communications Marketplace Conference.

A.J. Martini welcomes senior estimator Michael Muse (42). Recent work includes a renovation to create a new lab for Hobbs Brook Management in Waltham; the Cancer Care Center renovation and expansion at Winchester Hospital; and a retail fit-up for Ibex with db2/ARCHitecture.

Bond Brothers is working on a new academic center at Bryant University with Steffian Bradley and Imperial Museum Architects; Brown robotics lab with Ed Wojcik Architect; Broad Institute at 320 Charles Street with Signer Harris Architects; DCAM/Fitchburg State College Condikey Science Facility modernization with CBT; Lynn Community Health Center expansion with HDR Architecture; Northeastern Richards Hall with Miller Dyer Spears; Harvard North Hall with Austin Associates; Smith Clark Science Center with R.E. Dineen; Dana Farber Dana 6 with isgenuity; athletic fields for Harvard University, Bridgewater State College and the City of Everett; various projects for a major U.S. gas utility; Deer Island heat loop project; Pilgrim Nuclear Power Plant homeland security upgrades; National Grid Kent County Rhode Island substation; MIT/Lincoln Laboratory haystack satellite replacement; Boston University utility relocations; and NRG Middletown, Connecticut gas meter station.

Carol R. Johnson Associates is working with UMass/Lowell on the redevelopment of bus nodes for the campus transit system; a 2.5 mile multi-use trail segment of the Blackstone River Valley Bikeway on the historic Blackstone Valley RR



ROW with VHB/Vanasse Hangen Brustlin; an on-call contract with the City of Cambridge for renovations and repairs to various city and school buildings with a team headed by HMFH Architects; and developing a masterplan for renovation of the historic property at the Longyear at Fisher Hill residences in Brookline.

Columbia Construction is providing preconstruction and construction management services to Stonehill College for the renovation of The Hill in the Roche Dining Commons with Connor Architecture and Fellenzer Engineering; construction management services for Scientia Advisors' tenant fit-out at 55 Cambridge Parkway, Cambridge with Signer Harris Architects and **R.W. Sullivan Engineering**. The firm welcomes vice president Stephen Hassell PE (43).

Commodore Builders is working on the Tufts University renovation of Lewis Hall and Newman School classrooms and corridors renovation and egress improvements, both with SGA; the build-out of Weiss Asset Management offices at 160 Federal Street with Margulies Perruzzi Architects and Corporate Project Partners; a testing facility expansion with Satcon Technology; a TI project for Quabbin Capital with VCA and Taurus; Cambridge office renovations for Greylock McKinnon Associates with Galante Architecture Studio; and Eastern Bank's Andover branch and renovations to the Stoneham branch of Salem Five Cents Savings Bank, both with Towne Architects. The firm welcomes project manager Jason Smith and senior superintendent Craig Reedy.

Copley Wolff Design Group designed courtyards for the LEED Silver-certified Pope and Scott Dormitories at Bridgewater State College with Pfeuffer/Richardson Architects. Lynn Wolff FASLA (44) presented at the ULI mobile workshop "The Big Fix: Boston's Rose Kennedy Greenway" as part of the ULI National spring meeting and was an organizer for the ULI program hosted by ADD Inc. on Boston's Seaport District, Fort Point Channel and 100 Acres masterplan. The firm is working with the University of Connecticut/Storrs to redesign and refurbish three key campus courtyards. Ripley Playground in Boston is officially open. John Copley ASLA (45) and Sean Sanger ASLA, LEED AP (46) will present a workshop on "New trends and building techniques for corporate and private roof decks" at Build Boston on November 17.

Devonshire Construction completed Harvard University Employees Credit Union designed by Perry & Radford Architects, at 104 Mt. Auburn Street, Cambridge.

Erland Construction donated the time, labor and materials to build a small park for the Chelsea Jewish Foundation. The park serves as a ceremonial entrance to the Admiral's Hill complex in Chelsea that houses the new Leonard Florence Center for Living, a 100-unit skilled nursing facility built by the firm. The firm is working on preconstruction and construction management for the new meeting and performance hall at the Fenn School, an independent day school in Concord with Imai Keller Moore Architects.

Finley H. Perry, Jr. (47) of **F.H. Perry, Builder** was awarded a Legend of the Industry 2010 by the Home Builder's Association of Massachusetts.

GEI Consultants is providing geotechnical engineering and related services for the U.S. Army Corps of Engineers, North Atlantic Division under an Indefinite Delivery, Indefinite Quantity contract. The East Hartford Flood Control system has been granted accreditation from the Department of Homeland Security's Federal Emergency Management Agency (FEMA). The East Hartford system will now be included in the updated Hartford County Flood Insurance Study and Digital Flood Insurance Rate Map as part of FEMA's Flood Map Modernization program. The firm is ranked 156 in *Engineering News-Record* magazine's Top 500 design firms—an advancement of 114 positions over the past three years—and 29th on the *Boston Business Journal's* Pacesetters List of the Area's 50 Fastest Growing Private Firms. The firm's board of directors has elected two Boston-based vice presidents: Patrick King PE (48) and Alfred Leuschner (49). The firm is celebrating its 40th anniversary.

The **International Masonry Institute** held a Sustainable Masonry Certification Program to educate the union masonry contractors on sustainability practices and their role in the LEED certification process.

Midland Construction's work includes renovations for Toshiba at One Financial Center with Dyer Brown & Associates for **Jones Lang LaSalle**; an interior fit-out for Black Coral Capital at 18 Tremont St. with Fusion Design Consultants; One Bowdoin Square renovations to the Office of Senator John Kerry with Margolis + Fishman for Tremont

Investors; and restroom and spec suite renovations with McMahon Architects for Lincoln Property Company.

Lisa Brothers PE, LEED AP BD+C of **Nitsch Engineering** is president of the American Council of Engineering Companies of Massachusetts. Judith Nitsch PE, LEED AP BD+C received an honorary Doctor of Science degree from the Massachusetts Maritime Academy. Owen Wartella PE was appointed to the Somerville Conservation Commission. Davren Chartier, Birendra Gurung, Silpa Munukutla, Jeffrey Sawtelle and Corinne Tobias have become LEED Green Associate professionals. Gurung and Troy Renaud have become licensed Professional Engineers and both have been promoted to project engineer.

Michelle Roberts (50), chair of the BSA Building Systems Committee, has joined **Owens Corning** as its business development leader: energy efficient and healthy homes and buildings.

RDK Engineers launched its newly redesigned website, rdkengineers.com; the new site was designed by ADD Inc.'s Branding Iron and Harbour Light Strategic Marketing and Web Design. Sarah Matson spoke at an IFMA R&D Council program on how to build a lab. Mike Travers and James Koloski hosted an energy roundtable. Warren Cochrane presents on team building at ERAPPA in October. Pat Murphy speaks on business development at Build Boston in November. The firm announces a new internal specialty design group comprised of telecommunications, audio-visual support and security professionals.

Rhino Public Relations' national media relations campaign for **GEI Consultants** received a Marketing Excellence Award from ZweigWhite's Marketing Now awards program. The campaign resulted in 71 media-related initiatives and 251 instances of coverage throughout 2009. The firm's fifth anniversary party raised more than \$3,400 for the Child Care Resource Center in Cambridge.

Shadley Associates' work includes landscape improvements at Aquinas Quad and various courtyards and building entrances at Providence College; new residential housing developments with Cabot, Cabot and Forbes and Criterion Development Partners; site improvements at Cambridge Center Plaza in Kendall Square with Elkus Manfredi Architects; with the Malden Redevelopment Authority on improvements at the MBTA

Portrait credits, page 10:

41, Acentech Inc.
 42, Barbara Levesque.
 43, Advanced Photo.
 44-46, John Soares.
 47, Al Mallette.
 48-49, GEI Consultants, Inc.
 50, Michelle Roberts.

Station and at South Broadway Park to create new synthetic turf fields for Malden Catholic High School and the Mystic Valley Charter School; and the VA Medical Center in Manchester, New Hampshire with HDR Architecture. The firm received a 2010 BSA Design Honor Award for the White Elephant Hotel Residences on Nantucket with Arrowstreet and NED. River's Edge Park in Medford and Irving Street Studios in Malden received National Association of Housing and Redevelopment Officials Merit Awards.

Simpson Gumpertz & Heger promoted Jeffery Ceruti to senior principal.

Stantec's new work includes masterplanning and design charrettes for Lakeside Park in Island Pond, Vermont and site masterplanning with Perkins Eastman for the Meadow Lakes Senior Housing Community in Hightstown, New Jersey. Washington Beech Housing Development in Roslindale, The Boulders at Riverwoods Retirement Community in Exeter, New Hampshire and The Newburyport Rail Trail held ribbon cuttings.

The Remodeling Company received a 2010 Chrysalis Award in the Additions over \$250,000 category for a Wellesley addition that included a new master suite, two-story library, gate-house, entryway and basement renovation.

Fame

Submit your news for Fame,
 at architects.org/submission.

John Tocci (\$1) of Tocci Building Companies received the 2009-2010 Distinguished Achievement Award from the Construction Institute, University of Hartford. Tocci, along with co-recipients Scott Simpson FAIA, LEED AP of KlingStubbins and Phil Bernstein FAIA, LEED AP of Autodesk, received the award for their leadership on the first IPD project in New England and subsequent work toward greater industry collaboration and efficiency through IPD, VDC and BIM.

VHB/Vanasse Hangen Brustlin is supporting M+W Zander with the development of a high-performance computing center in Holyoke for a consortium of colleges that includes Harvard, MIT, the University of Massachusetts, Boston University and Northeastern University; working with Commercial Construction Consulting to conduct on-call conditions assessments for facilities at UMass/Lowell; and providing on-call consulting services on the UMass Medical School campus for Worcester City Campus Corporation. Rob Smedberg (\$2) will moderate a panel at the New England Healthcare Engineers' Society's annual fall conference in Bretton Woods, New Hampshire.

WSP Flack + Kurtz promoted Tom Burroughs PE, LEED AP, Blair Chamberlain PE, LEED AP and Massimo D'Aloisio to vice president; James Conery, Robert Goossens LEED AP and Christopher Polci PE to senior associate; and Paul Brennan, Scott Petit, Michael O'Toole and Larry Scacchi to associate. The De Anza College Mediated Learning Center was awarded a 2010 Best Practices Award for Best Overall Sustainable Design. The Water Place mixed-use development in Providence, Rhode Island has been nominated by NAHB for a Pillars Award. The firm is working on Rutgers Business School at Rutgers University; JFK International Airport roadway bridges and terminal bridges inspection; Barclays Center Arena in Brooklyn, New York; and global EHS audit program for Invensys.

New AIA members

Brigitte Fortin AIA
Brigitte Fortin Design
 John Fowler AIA
 Thomas Grimble AIA
Perkins + Will
 Michael Haggerty AIA
Gensler
 Alvaro Ribeiro AIA
Margulies Perruzzi Architects
 Kwesi Sam AIA
Jacobs Engineering Group
 Paul Schlapobersky AIA
Machado and Silveti Associates
 Mark Scott AIA
William Rawn Associates
 Jiantong Wei AIA
 Martin Zogran AIA
Zogran Architecture Urbanism

Advanced to AIA

Christopher Eberly AIA
Beacon Architectural Associates

New Associate AIA members

Christos Bairaktaris Assoc. AIA
 Cordelia Dawson Assoc. AIA
Graham/Meus Inc. Architects
 Michael MacEachern Assoc. AIA
AECOM

Frank Messina Assoc. AIA
Goody Clancy
 Joanna Myers Assoc. AIA
 Erik Polyzou Assoc. AIA
Fletcher Thompson
 Alan Ricks Assoc. AIA
MASS Design Group
 Loren Witzel Assoc. AIA

Returning members

John Dugger AIA
J.S. Dugger AIA & Associates
 Jonathan Kharfen AIA
E. Verner Johnson and Associates
 Jack Palanjian AIA
D'Agostino-Izzo-Quirk Architects

New to Boston

Ian Ford AIA
Jonathan Levi Architects (from IL)
 Thomas Mitchell Assoc. AIA
MorrisSwitzer-Environments for Health (from VT)

Leaving Boston

John Comeau AIA (to RI)
 Gabrielle Schuller Assoc. AIA
 (to CO)

New corporate affiliate members

New England Carpenters Labor Management Program

The BSA ChapterLetter

The BSA ChapterLetter is published bimonthly by the Boston Society of Architects/AIA. The ChapterLetter is a service provided by AIA members in Massachusetts to the profession, the public and everyone else with a sense of humor or an interest in 21st-century America. For subscription information, contact membership@architects.org or 617-951-1433 x228.

Letters to the editor, suggestions, criticism and encouragement are welcome. Appropriate submissions are edited and published as space, temperament and prejudices permit. For complete submission specifications and deadlines, visit architects.org/chapterletter.

The BSA

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The Architects Building
 52 Broad Street, Boston MA 02109
 617-951-1433
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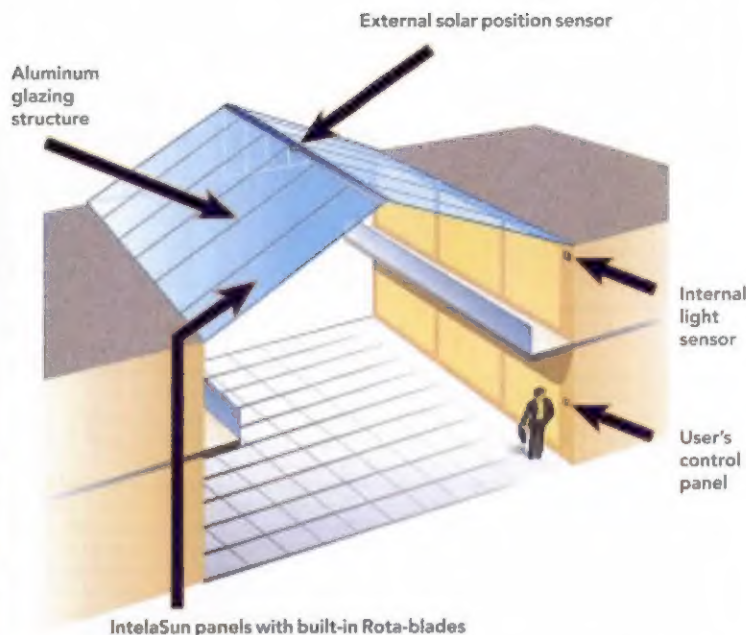
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Thinking outside the big box

AN ARCHITECT'S USE of an innovative product has allowed a big-box store outside Atlanta to begin controlling daylight as if it were on a dimmer—saving the discount retailer some \$180,000 in electrical costs annually. The IntelaSun translucent daylighting panels, which are manufactured by CPI Daylighting just outside Chicago, will be featured this November in Build Boston's new Innovation Pavilion on the tradeshow floor.

"The technology is a tool, not an end in itself," says Larry Levine, BrandsMart USA's vice president of operations. "We were willing to try it because we wanted to construct a building that could be operated for less money than those that had come before it, and we decided that any technology we used had to pay for itself in five years or less."

Under the leadership of architect Ken McGee—whose firm in Daytona Beach, Florida has provided design services to the discount retailer for more than 20 years—BrandsMart pursued LEED certification for its newest building in Gwinnett County, Georgia. In the process, both the architect and client lost faith in using LEED as a real means to an energy-efficiency end.

However, the team's intensive investigation into how to bring more daylight into the 118,000-sf space to qualify for more LEED points eventually led to CPI. And Levine reports he "would use the skylights again in a heartbeat."

Although CPI has supplied daylighting products for two decades, its pioneering IntelaSun technology takes the concept to an entirely new level. The translucent 1.2-inch-thick polycarbonate glazing panels come with built-in, transparent, revolving "Rota-blade" cylinders, which can be opened and closed to control the level of light and solar heat gain like Venetian blinds. The panels also have built-in intelligent light controllers and an embedded program that senses the daylight outside the building. When the panels are in manual mode, the user selects their light-transmission property by setting the angle of the Rota-blades, which stay at the selected position until the user chooses a different angle or switches to automatic mode. In automatic mode, the user selects the desired level of light for the space, and the system maintains that level by continuously adjusting the angle of the Rota-blades and the panel's light-transmission properties according to the

sun's position and daylight conditions.

"The product allows us to turn all the lights off during the day," says Levine.

Levine estimates that in a typical showroom of the Gwinnett County store's size (of which BrandsMart has seven or eight), the electric bill averages \$32,000 to \$34,000 a month. For the showroom with the CPI daylighting panels, the electrical bills have been averaging only \$17,000 or \$18,000 a month. Although the numerous energy-saving systems installed in the project make it difficult to attribute all those savings to the CPI product, Levine says that the skylights "are likely responsible for the lion's share."

McGee, the architect, says the use of the daylighting technology has other less-quantifiable benefits.

"BrandsMart stores are about half the size of a Super Walmart store—which is to say, 50 percent of very big. Some stores stretch

200 feet in one direction, which is a long way to natural light. As a result, the stores tend to feel cavernous," says McGee. "But with these skylights, there is daylight all over the place. It adds a whole new dimension to the interior. The atmosphere has become a whole lot brighter and more cheerful, which is an enormous benefit in a sales situation."

Dan Cherney, East Coast manager for CPI Daylighting, says hopefully the discount retailer will see even further rewards for taking such an innovative approach to its operations.

"Costs are going up. Should retailers pass them along to their customers? Or is there a better way to build the box? And that's what took place here at this store outside Atlanta," says Cherney. "The next step for us is to analyze the data, because in most of the studies we've seen, spaces that have daylighting control not only save money, but see better sales."

Visit CPI Daylighting at Build Boston's Innovation Pavilion November 17 through 19; register to attend at buildboston.com. Images above courtesy CPI Daylighting.

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